Supplement to Electrohome GO2
Color Data Monitor Chassis Manual

Guidelines for Adjusting Color Purity and Convergence in the Sit-Down Missile Command™ Game

We offer you the following guidelines to help you adjust the purity and convergence on the 25-inch Electrohome color monitor.

Above all, note that you should not do these adjustments unless the monitor is **obviously** out of adjustment. The procedure can takes as long as an hour and requires two people—one to perform the adjustments and one to watch the monitor screen. The procedure should be attempted **only** if you are a qualified color-TV repair technician.

Some preliminary guidelines:

• **Set up the game** exactly in its final location, **before** starting the adjustments. If you move the game after it has been properly adjusted, it is possible that the game will have to be converged again.

• Warm up the monitor for at least 30 minutes before starting the adjustments. Then open the game's upper rear access panel. Unplug the fluorescent-light harness connector. Remove the light board from the game. This will provide room for gaining access to the neck PCB on the monitor. You do **not** have to remove the smoke-colored monitor shield to see the screen during these adjustments.

• If the monitor displays totally wrong colors, the monitor's color purity probably does **not** need adjustment. Instead, the Indy 800 TTL Interface PCB in the monitor or the Missile Command game PCB is probably bad. (Note: The small Interface PCB is Atari part number 99-120048.)

Summary of Adjustments:

1. Display the Missile Command diagnostic test pattern that shows a solid red screen with white lines and dots (refer to schematic sheet DP-158-01, Side A, that came with your Sit-Down game; follow Instruction #2). Perform the color purity adjustment as described on page 5 of the Electrohome monitor manual.

   Note: The following static-convergence adjustment is extremely important.

2. Now display the same screen pattern, but with a **black** background. To static-converge the monitor, first superimpose the red and green dots in the center of the screen. Then use the two blue static adjustment controls and move the blue center dot until it is superimposed on the red/green one. This should create a pure white dot with no color fringes, when done properly.

3. Perform the dynamic convergence as described on page 5 of the Electrohome monitor manual, using the same black screen pattern. Repeat as many times as needed, until you are satisfied with the picture.

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